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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: PENN-0795
Inventors: Clevenger et al.
Serial No.: 10/029,079
Filing Date: December 21, 2001
Examiner: Not Yet Assigned
Group Art Unit: 1646
Title: Composition and Method for Modulating
Somatolactogenic Function

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I, Kathleen A. Tyrrell, Registration No. 38,350, certify that this correspondence is being depositing with the U.S. Postal Service as First Class mail in an envelope addressed to the U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202.

On this date: April 1, 2002


Kathleen A. Tyrrell, Registration No. 38,350

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

(XX) In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as

set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.

- () In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore:

- () Certification in Accordance with §1.97(e) is set forth below; or

- () The fee of \$180.00 as set forth in §1.17(p) is attached.

- () In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); Petition Requesting Consideration of the Information Disclosure Statement; and the fee of \$130.00 as set forth in §1.17(i)(1).

(XX) Copies of each of the references listed on the attached Form PTO-1449 (modified) are enclosed herewith.

- () In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO-1449 (modified) are not enclosed herewith because they were previously submitted to the U.S. Patent and Trademark Office in prior

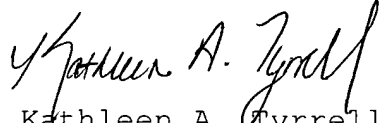
application Serial No. _____, filed _____, for which a claim for priority under 35 U.S.C. §120 has been made in the instant application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 50-1619. This form is submitted in duplicate.

() The relevance of the listed references in a foreign language is as stated in the specification at pages @@.

(XX) All listed references are in the English language.

Respectfully submitted,



Kathleen A. Tyrrell
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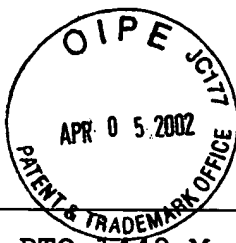
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Form PTO-1449 Modified		Docket No. PENN-0795	Serial No. 10/029,079
List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce		Applicant Clevenger et al.	
		Filing Date December 21, 2001	Group 1646
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AA	Amit et al., "Characterization of prolactin-and growth hormone-binding proteins in milk and their diversity among species", 1997 <i>Mol. Cell. Endocrinol.</i> 130: 167-180	
	AB	Barnard et al., "The serum growth hormone binding protein:pregnant with possibilities", 1997 <i>J. Endocrinol</i> 153:1-14	
	AC	Baumann et al., "A Specific Growth Hormone-Binding Protein in Human Plasma:Initial Characterization 1986 <i>J. Clin. Endocrinol. Metab.</i> 62:134-141	
	AD	Baumbach et al., "The growth hormone-binding protein in rat serum is an alternatively spliced form of the rat growth hormone receptor", 1989 <i>Genes Dev.</i> 3: 1199-1205	
	AE	Leav et al., "Prolactin Receptor Expression in the Developing Human Prostate and in Hyperplastic, Dysplastic, and Neoplastic Lesions", 1999 <i>Am. J. Path.</i> 154:863-870	
	AF	Leung et al., "Growth hormone receptor and serum binding protein:purification, cloning and expression", 1987 <i>Nature</i> 330:537-543	
	AG	Mercado et al., "A Growth Hormone/Prolactin-Binding Protein in Human Milk", 1994 <i>J. Clin. Endocrinol. Metab.</i> 79(6):1637-1641	
	AH	Peeters et al., "A Growth Hormone Binding Factor in the Serum of Pregnant Mice", 1977 <i>Endocrinology</i> 101:1164-1183	
	AI	Postel-Vinay et al., "Identification of prolactin and growth hormone binding proteins in rabbit milk", 1991 <i>Proc. Natl. Acad. Sci. USA</i> 88:6687-6690	
EXAMINER		DATE CONSIDERED	



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U.S. Department of Commerce

Docket No.
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Serial No.
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Applicant
Clevenger et al.

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Group
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AJ	Sotiropoulos et al., "Evidence for Generation of the Growth Hormone-Binding Protein Through Proteolysis of the Growth Hormone Membrane Receptor", 1993 <i>Endocrinology</i> 132(4):1863-1865
	AK	Trivedi et al., "Release of Growth Hormone Binding Protein from IM-9 Lymphocytes by Endopeptidase is Dependent on Sulfhydryl Group Inactivation", 1988 <i>Endocrinology</i> 123(5):2201-2206
	AL	Walker et al., "Prolactin-immunoglobulin G complexes from human serum act as costimulatory ligands causing proliferation of malignant B lymphocytes" 1995 <i>Proc. Natl Acad. Sci. USA</i> 92:3278-3282
	AM	Ymer et al., "Evidence for the specific binding of growth hormone to a receptor-like protein in rabbit serum", 1985 <i>Mol. Cell. Endocrinol.</i> 41:153-161
EXAMINER		DATE CONSIDERED